I 49.89/2:85(15) map B2

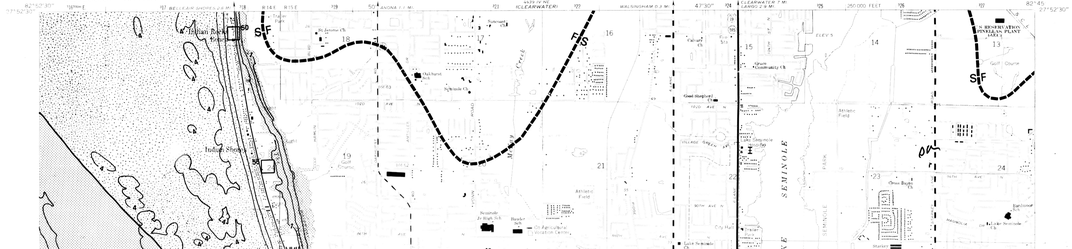
I 49.89/2:85(15)map B2

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF FLORIDA

SEMINOLE QUADRANGLE
FLORIDA - PINELLAS CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)


SEMINOLE
Indian Shores
Indian Rocks Beach
Bellair Beach
Belleair Shore
Belleair
Clearwater
Largo
Pinellas Park
Seminole
Bayou
Creek
Lake
Park
Golf Course
Country Club
Cemetery
Hospital
Church
Post Office
Shopping Center
Recreation Area
Sewage Treatment Plant
Elementary School
Middle School
Junior High School
Sand Key
Clearwater Pass
Intracoastal Waterway
Gulf of Mexico
Boca Ciega Bay
Long Bayou
Alligator Creek
Walsingham Bayou
Walsingham Park
Bellair Estates
Bellair Heights
Bellair Manor
Bellair Terrace
Bellair Village
Bellair Woods
Bellair Shores
Bellair Beach
Bellair Shore
Bell

SEMINOLE
LAKE
Seminole
Dredge Spoil Area
Completed
Dredge Spoil Area
Completed
Dredge Spoil Area
Completed

Overlay material compiled in 1984 from latest available data obtained from Federal, State and Local government agencies and other sources.

There is no map A19 due to a lack of data.

LEGEND

MEAN ANNUAL MID-DEPTH SPECIFIC CONDUCTIVITY ISOPLETH (WATER QUALITY) CONTOUR MAP
Five year mean annual specific conductivity
September 1978 - August 1983
(mmhos)

POINT SOURCE DISCHARGES *

Industrial Point Source Discharge. Q is permitted capacity in total gallons per day (tgd) or in millions of gallons per day (mgd).

Municipal Point Source Discharge. Q is permitted capacity in total gallons per day (tgd) or millions of gallons per day (mgd).

DREDGE SPOIL DISPOSAL SITES

TIDE STATION *
(National Ocean Service)

Active tide station. The tide station number is listed next to the symbol.

Inactive tide station location. The tide station number is listed next to the symbol.

WATER QUALITY SAMPLING STATION *
(Hillsborough County Environmental Protection Commission)
Five year seasonal means, Sept. 1978 - Aug. 1983

Mullet Key
Caper Isle
Vale of Palms
Sunset Beach
TREASURE
TREASURE ISLAND
Paradise Island
Blind Pass
Causeway Isles
ST PETE BEACH
Boca Ciega
Bay
Treasure Island
Causeway
Corey Causeway
Gulf Blvd
Boca Ciega Blvd
Pinellas Point
Bayou Grande
Tierra Verde
Fort De Soto Park
Mullet Key Channel
Egmont Key
Egmont Channel
Tampa Bay
Gulf of Mexico
Middle Ground
Outer Bank
Tampa Bay Entrance
Channel
Anchorage
Anchorage A
Anchorage B
Anchorage C
Anchorage D
Anchorage E
Anchorage F
Anchorage G
Anchorage H
Anchorage I
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Anchorage V
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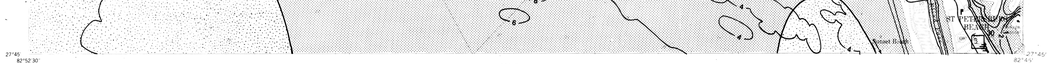

THE TAMPA BAY ENVIRONMENTAL ATLAS WAS PRODUCED BY THE U.S. FISH AND WILDLIFE SERVICE, DIVISION OF BIOLOGICAL SERVICES NATIONAL COASTAL ECOSYSTEMS TEAM (FWS/OBS) FOR COASTAL PLANNERS, DECISION MAKERS AND THE GENERAL PUBLIC, TO DETERMINE AND EVALUATE CHANGE AND TO ASSESS THE IMPACTS OF DEVELOPMENT ON THE QUALITY, PRODUCTIVITY AND THE MAINTENANCE OF ECOLOGICAL DIVERSITY. THE STUDY AREA INCLUDES A MAJOR PORTION OF THE COASTAL COUNTIES OF PINELLAS, HILLSBOROUGH, MANATEE AND PASCO. THE USE OF THIS ATLAS DOES NOT IMPLY, NOR DOES THE DESIGN OR PRODUCTS OF THIS STUDY, TO DEFINE THE LIMITS OF PROPRIETARY JURISDICTION OF ANY FEDERAL,STATE, OR LOCAL GOVERNMENT TO ESTABLISH THE GEOGRAPHICAL SCOPE OF THE REGULATORY PROGRAMS OF GOVERNMENT AGENCIES.

THIS MAP HAS BEEN COMPILED FROM A VARIETY OF SOURCE MATERIALS, INCLUDING MAPS, AERIAL PHOTOS, AND REPORTS. SINCE MANY SOURCES CONTAINED GENERALIZED LOCATIONS OF RESOURCES AND OTHER MAPPED FEATURES, THE USER SHOULD NOT RELY ON THESE MAPS FOR PRECISE MEASUREMENTS OF DISTANCES OR AREAS.

PRIMARY SOURCES OF MAPPED INFORMATION

SALINITY: Conductivity for Tampa Bay wasnt quality sampling program, 1972 - 1973. Tampa Bay Study Committee/Hillsborough County Environmental Protection Commission.

POINT SOURCE DISCHARGES: Computer printout of industrial and municipal point source discharges in Weg Central Florida. Florida Dept. of Environmental Regulation, 1982.

DREDGE SPOIL DISPOSAL AREAS: Dredge and Spoil easement location maps. Florida Dept. of Natural Resources

N.O.S. TIDE STATIONS: Index of tide stations for the state of Florida. National Ocean Service, Rockville, Md. 1981

WATER QUALITY: Total chlorophyll, conductivity, turbidity, and dissolved oxygen data collected in Old Tampa Bay water quality stations: Sept. 1979 - August 1982. Hillsborough County Environmental Protection Commission.

BATHYMETRIC: Bathymetric map by St. Petersburg Quadrangle, N.O.S. 1979.

INTERTIDAL ZONE: Nautical Chart #'s 11410, 11413, 11414 and 11420. N.O.S. Rockville, Md. 1983

SEDIMENTS: Sediments, oceanographic observations and chemistry in Tampa Bay, Florida and adjacent waters, 1961-1969, Taylor and Saloman, 1969.

TIDAL CURRENTS: Changes in tidal flow, circulation and flushing caused by dredge and fill in Tampa Bay, Florida. U.S.G.S. Water Resources Survey Open File Report #84-947 Goodwin, 1984

FRESHWATER-SALTWATER INTERFACE: Position of the Freshwater- Saltwater interface in the upper part of the Floridan aquifer, Southwest Florida. 1979. U.S.G.S. water resources open-file report 82-99. Causaseus and Pratwell, 1982.

FOR COMPLETE REFERENCE SEE MAP NARRATIVE

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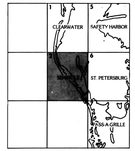

Note: Specific conductivity values on the supplemental legend should be in µmhos.

0.01 - 0.10 ft/sec

0.11 - 0.20 ft/sec

0.21 - 0.30 ft/sec

0.31 - 0.50 ft/sec

>= 0.50 ft/sec

FRESHWATER/SALTWATER INTERFACE

(U.S. Geological Survey 1979.) 250 mg/l line of equal chloride concentration in the upper part of Floridan aquifer.

Symbols appearing with numbers a-e described more fully in the narrative.

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